

	Document ID	Title	Current OR
1	US 6190566 B1	Treatment of waste produced by farm animals raised under confined conditions	210/744
2	US 6146507 A	Manure slurry pre-treatment method and apparatus	204/275.1
3	US 6135055 A	Cattle management method and system	119/51.02
4	US 6131744 A	System and method for recycling identification tags	209/540
5	US 6106821 A	Fly attractant compositions	424/84
6	US 6096323 A	Vaccine against papillomatous digital dermatitis (PDD)	424/262.1
7	US 6032084 A	System for carrying out and managing animal feedlot operations using coordinate acquisition techniques	700/241
8	US 6006697 A	System and method for dehorning cattle	119/174
9	US 6000361 A	Cattle Management method and system	119/51.02

	Inventor
1	Kolber, Steven N.
2	Gustafson, Guy M.
3	Pratt, William C.
4	Pratt, William C.
5	Baker, Thomas C. , et al.
6	Walker, Richard L. , et al.
7	Anderson, Arlen , et al.
8	Sullwold, Thomas
9	Pratt, William C.

	Document ID	Title	Current OR
10	US 5997553 A	Method and system for raising and castrating cattle	606/141 ;
11	US 5983839 A	Device for controlling bulling and riding traits in cattle	119/860
12	US 5965128 A	Control of enterohemorrhagic E. coli 0157:H7 in cattle by probiotic bacteria and specific strains of E. coli	424/93.48
13	US 5961985 A	Vaccine and serum for endotoxin associated disease immunization and treatment, detoxified endotoxin, and bacterial mutant	424/258.1
14	US 5960105 A	Measurement of intramuscular fat in cattle	382/141
15	US 5947041 A	Method for using tree crops as pollutant control	111/200
16	US 5910304 A	Low-dose oral administration of interferons	424/85.7
17	US 5882640 A	Treatment of hyperallergenic response with oral interferon	424/85.7
18	US 5878402 A	System and method for uniformly delivering feed rations to the feedbunks of animal pens in a feedlot	705/29
19	US 5867820 A	Feedlot computer network installation for managing feedlot operations	705/1
20	US 5855894 A	Pasteurella haemolytica type A-1 bacterin-toxoid vaccine	424/236.1

	Inventor
10	Callicrate, Michael P.
11	O'Byrne, Timothy Patrick , et al.
12	Doyle, Michael P. , et al.
13	Sprouse, Ronald F. , et al.
14	Brethour, John R.
15	Licht, Louis A.
16	Cummins, Joseph M.
17	Cummins, Joseph M.
18	Brewster, Sherman H. , et al.
19	Cureton, J. Sam , et al.
20	Brown, Albert L. , et al.

	Document ID	Title	Current OR
21	US 5853244 A	Intelligent system and process for automated monitoring of microingredient inventory used in the manufacture of medicated feed rations	366/141
22	US 5846526 A	Treatment of autoimmune disorders with oral interferon	424/85.7
23	US 5843095 A	Method and system for raising and castrating cattle	606/141
24	US 5836880 A	Automated system for measuring internal tissue characteristics in feed animals	600/443
25	US 5830456 A	Treatment of viral disease with oral interferon-.alpha.	424/85.7
26	US 5824300 A	Treatment of neoplastic disease with oral interferon	424/85.7
27	US 5817307 A	Treatment of bacterial infection with oral interferon-.alpha.	424/85.7
28	US 5803906 A	Method and system for providing animal health histories and tracking inventory of related drug usage	600/300
29	US 5755852 A	Bioconverted nutrient rich humus	71/9
30	US 5725853 A	4 strain direct-fed microbial	424/93.3
31	US 5714185 A	Protected feed product	426/93
32	US 5673647 A	Cattle management method and system	119/51.02

	Inventor
21	Hoff, Charles Henry , et al.
22	Cummins, Joseph M.
23	Callicrate, Michael P.
24	Pratt, William C.
25	Cummins, Joseph M.
26	Cummins, Joseph M.
27	Cummins, Joseph M.
28	Pratt, William C. , et al.
29	Northrop, Jere
30	Dennis, Scott M. , et al.
31	Mahadevan, Subramaniam
32	Pratt, William C.

	Document ID	Title	Current OR
33	US 5662901 A	Enzymatic grain conditioner and methods of using it	424/94.2
34	US 5641492 A	Vaccine and serum for endotoxin associated disease immunization and treatment, detoxified endotoxin, and bacterial mutant	424/258.1
35	US 5636118 A	Method and apparatus for uniform delivery of feed ration along a feedbunk	705/29
36	US 5620893 A	Microbial mediated method for soil and water treatment	435/262
37	US 5614553 A	Composition and method for alleviating stress in warm-blooded animals	514/505
38	US 5598770 A	Automated feed grain processing apparatus and method	99/487
39	US 5595444 A	Method for detecting poor meat quality in groups of live animals	374/45
40	US 5573002 A	Method and apparatus for measuring internal tissue characteristics in feed animals	600/443
41	US 5565198 A	Zona pellucida as a growth stimulant	424/184.1

	Inventor
33	Tobey, Jr., James F. , et al.
34	Sprouse, Ronald F. , et al.
35	Brewster, Sherman H. , et al.
36	Hogen, Delman R. , et al.
37	Ashmead, H. DeWayne , et al.
38	Campbell, Thomas S. , et al.
39	Tong, Alan K. , et al.
40	Pratt, William C.
41	Edwards, John F. , et al.

	Document ID	Title	Current OR
42	US 5534271 A	Process for improving the utilization of feedstuffs by ruminants	426/2
43	US 5529793 A	Compositions for improving the utilization of feedstuffs by ruminants	426/61
44	US 5501857 A	Oral nutritional and dietary composition	424/438
45	US 5487603 A	Intelligent system and process for automated monitoring of microingredient inventory used in the manufacture of medicated feed rations	366/141
46	US 5458418 A	Method for detecting poor meat quality in live animals	374/45
47	US 5457627 A	Feedlot computer network installation and interactive method of using the same to assign feed loads and animal pen subsequences to feed delivery vehicles available at a feedmill in the feedlot	705/34
48	US 5372818 A	Method of treating fescue toxicosis with domperidone	424/442
49	US RE34776 E	Programmable apparatus and method for delivering microingredient feed additives to animals by weight	366/141

	Inventor
42	Ware, Douglas R. , et al.
43	Garner, Bryan E. , et al.
44	Zimmer, William A.
45	Hoff, Charles H. , et al.
46	Jones, Stephen D. M. , et al.
47	Cureton, J. Sam , et al.
48	Cross, Dee L. , et al.
49	Pratt, William C.

	Document ID	Title	Current OR
50	US 5340211 A	Programmable apparatus and method for delivering microingredient feed additives by weight	366/141
51	US 5315505 A	Method and system for providing animal health histories and tracking inventory of drugs	600/300
52	US 5296226 A	Bird repellent compositions	424/405
53	US 5219224 A	Programmable apparatus and method for delivering microingredient feed additives to animals by weight	366/141
54	US 5008821 A	Computerized process and system for assigning and delivering feed to animals in a feedlot	119/51.02
55	US 4889433 A	Programmable apparatus and method for delivering microingredient feed additives to animals by weight	366/141
56	US 4888173 A	Anthocyanin bird repellents	424/195.1
57	US 4847081 A	Synthetic bovine parainfluenza viral proteins	424/186.1

	Inventor
50	Pratt, William C.
51	Pratt, William C. , et al.
52	Askham, Leonard R.
53	Pratt, William C.
54	Pratt, William C. , et al.
55	Pratt, William C.
56	Mason, James R. , et al.
57	Rice, John M.

	Document ID	Title	Current OR
58	US 4824667 A	Thymidine kinase deletion mutants of bovine herpesvirus-1, vaccines against infectious bovine rhinotracheitis containing same and methods for the production and use of same	424/205.1
59	US 4820515 A	Method of using interferon in low dosage to regulate appetite and efficiency of food utilization	424/85.7
60	US 4820514 A	Low dosage of interferon to enhance vaccine efficiency	424/85.4
61	US 4815042 A	Programmable apparatus and method for delivering microingredient feed additives to animals by weight	366/141
62	US 4790990 A	Mammalian livestock feed, Mammalian livestock feed additive, and methods for using same	424/438
63	US 4754055 A	Allenic prostacyclins	560/116
64	US 4743553 A	Synthetic genes for bovine parainfluenza virus	435/252.33

	Inventor
58	Kit, Malon , et al.
59	Cummins, Joseph M.
60	Cummins, Joseph M.
61	Pratt, William C.
62	Mason, J. Russell , et al.
63	Djuric, Stevan W. , et al.
64	Rice, John M.

	Document ID	Title	Current OR
65	US 4733971 A	Programmable weight sensitive microingredient feed additive delivery system and method	366/141
66	US 4730078 A	Allenic prostacyclins	560/119
67	US 4719235 A	Methods and compositions for treating viral infection	514/547
68	US 4703011 A	Thymidine kinase deletion mutants of bovine herpesvirus-1	435/236
69	US 4687864 A	5-fluoro-3-oxa-prostacyclin compounds	549/414
70	US 4670569 A	5-fluoro-PGI.sub.2 compounds	549/465
71	US 4617876 A	Animal identification and control system	119/842
72	US 4579958 A	5-fluoro-3-oxa-6,7-didehydro- PGI.sub.1 compounds	549/465

	Inventor
65	Pratt, William C.
66	Djuric, Stevan W. , et al.
67	Kern, Gerald N.
68	Kit, Malon , et al.
69	Djuric, Stevan W. , et al.
70	Nysted, Leonard N. , et al.
71	Hayes, Norman J.
72	Djuric, Stevan W. , et al.

	Document ID	Title	Current OR
73	US 4540801 A	5 Fluoro PGI compounds	549/465
74	US 4499293 A	PGI.sub.2 Salts	549/465
75	US 4490549 A	Enlarged-hetero-ring prostacyclin analogs	549/396
76	US 4490548 A	Enlarged-hetero-ring prostacyclin analogs	549/396
77	US 4490538 A	Enlarged-hetero-ring prostacyclin analogs	548/252
78	US 4490537 A	Enlarged-hetero-ring prostacyclin analogs	548/252
79	US 4288856 A	Livestock feedlot management method and apparatus	119/841
80	US 4263910 A	Implantate package, system and method	604/60
81	US 4258031 A	Feed composition containing ronnel and antibiotic A3823 complex and use	424/115
82	US 4212968 A	thereof Prostaglandin derivatives	549/396
83	US 4205178 A	6-Keto prostaglandin E-type compounds	560/121
84	US 4171447 A	Tri-halo prostaglandin intermediates	560/121
85	US 4171354 A	Vaccine for animal respiratory diseases	424/255.1
86	US 4169841 A	Alkenyl-substituted 9-deoxy-6,9-.alpha.-epoxymethano-PG analogs	549/396
87	US RE30053 E	PG-type, 1,9-lactones	549/267

	Inventor
73	Nysted, Leonard N. , et al.
74	Johnson, Roy A. , et al.
75	Johnson, Roy A.
76	Johnson, Roy A.
77	Johnson, Roy A.
78	Johnson, Roy A.
79	Linseth, Gerald S.
80	Pardekooper, Garrett J. , et al.
81	Tollett, James T. , et al.
82	Johnson, Roy A.
83	Axen, Udo F.
84	Smith, Herman W.
85	Smith, Clyde K.
86	Kelly, Robert C.
87	Bundy, Gordon L.

	Document ID	Title	Current OR
88	US 4158667 A	6-Keto PGF analogs	554/117
89	US 4150222 A	(5E)-9-Deoxy-6,9-epoxy-prosta glandin derivatives	548/252
90	US RE29926 E	2-Decarboxy-2-hydroxy-methyl- 16-fluoro-PGE.sub.1 compounds	568/330
91	US 4138577 A	11-Deoxy-cis-4,5-didehydro-.o mega.-aryl-PGF compounds	560/55
92	US 4138576 A	11-Deoxy-2,2-difluoro-.omega. -aryl-PGF compounds	560/55
93	US 4138575 A	11-Deoxy-16-phenoxy-PGF compounds	560/55
94	US 4138573 A	11-Deoxy-2,2-difluoro-.omega. -aryl-PGE compounds	560/53
95	US 4130569 A	9-Deoxy-6,9-epoxymethano-pros taglandin derivatives	549/396
96	US 4128725 A	16-Phenoxy-11.beta.-PGE-analo gs	560/53
97	US 4128713 A	6,7-Didehydro-PGI.sub.1 compounds	549/465

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88	Axen, Udo F.
89	Johnson, Roy A.
90	Nelson, Norman A.
91	Bundy, Gordon L. , et al.
92	Bundy, Gordon L. , et al.
93	Bundy, Gordon L. , et al.
94	Bundy, Gordon L. , et al.
95	Kelly, Robert C.
96	Yankee, Ernest W.
97	Schneider, William P.

	Document ID	Title	Current OR
98	US 4126754 A	11-Deoxy-cis-4,5-didehydro-.o mega.-aryl-PGE compounds	560/53
99	US 4125713 A	Certain 5,6-dihydro-prostacyclin analogs	549/465
100	US 4125712 A	Certain 5,6-dihydro-prostacyclin analogs	549/465
101	US 4124601 A	Certain 5-halo-6,9.alpha.-epoxy-14-br omo(or chloro)-PGF.sub.1 compounds	549/465
102	US 4124599 A	Enlarged-hetero-ring prostacyclin analogs	549/396
103	US 4123441 A	Enlarged-hetero-ring prostacyclin analogs	549/396
104	US 4122282 A	2-Decarboxy-2-carboxyamino-me thyl-PGF.alpha. compounds	560/115
105	US 4118584 A	9-Deoxy-9-methylene-16-phenyl -PGF compounds	560/55
106	US 4107427 A	Process and intermediates for preparing Thromboxane B.sub.1	549/417

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98	Bundy, Gordon L. , et al.
99	Nelson, Norman A.
100	Axen, Udo F.
101	Smith, Herman W.
102	Kelly, Robert C.
103	Johnson, Roy A.
104	Nelson, Norman A.
105	Bundy, Gordon L.
106	Kelly, Robert C.

	Document ID	Title	Current OR
107	US 4107191 A	13,14-Didehydro-PGF, compounds	554/217
108	US 4104474 A	5-Oxa-13,14-didehydro-11-deoxy-17-phenyl-18,19,20-trinor-PGF.sub.1.alpha. c o	560/53
109	US 4099015 A	2,2-Difluoro-13,14-didehydro-11-deoxy-17-phenyl-18,19,20-trinor-PGE.sub.2 compounds	560/53
110	US 4099014 A	3,7-Inter-m-phenylene-4,5,6-trinor-12,13(e)-didehydro-13,14-dehydro-PGD.sub	562/463
111	US 4098805 A	9-Deoxy-9-methylene-PGF-type amides	554/62

	Inventor
107	Smith, Herman W.
108	Smith, Herman W.
109	Smith, Herman W.
110	Peterson, David C.
111	Bundy, Gordon L.

	Document ID	Title	Current OR
112	US 4097489 A	9-Deoxy-9.alpha.,6-nitrilo or 6,9.alpha.-imino-PGF compounds	549/452
113	US 4086258 A	13,14-Didehydro-PGA.sub.1 compounds	554/118
114	US 4085139 A	2-Decarboxy-2-amino-methyl-PG E and PGD analogs	564/346
115	US 4081478 A	2-Decarboxy-2-amino-methyl-PG F.sub..alpha. compounds	564/346
116	US 4073808 A	2-Decarboxy-2-amino-methyl-PG A and 9-deoxy-9,10-didehydro-PGD analogs	564/454
117	US 4070384 A	Process for preparing thromboxane B compounds from prostaglandin f.alpha. c	554/132

	Inventor
112	Bundy, Gordon L.
113	Smith, Herman W.
114	Nelson, Norman A.
115	Nelson, Norman A.
116	Nelson, Norman A.
117	Schneider, William P.

	Document ID	Title	Current OR
118	US 4060534 A	9-Deoxy-9-methylene-PGF compounds	554/214
119	US 4058564 A	Aliphatic 2-decarboxy-2-hydroxymethyl-1 3,14-didehydro-PG compounds	568/379
120	US 4055602 A	2-Decarboxy-2-hydroxy-methyl- 5-oxa-17-phenyl-18,19,20-trin or-PGF-analogs	568/644
121	US 4054737 A	Thromboxane B analogs	549/417

	Inventor
118	Bundy, Gordon L.
119	Smith, Herman W.
120	Nelson, Norman A.
121	Kelly, Robert C. , et al.

	Document ID	Title	Current OR
122	US 4052552 A	Thromboxane B analogs	549/417
123	US 4049678 A	9-Deoxy-PGD-type, 1,15-lactones	549/267
124	US 4049648 A	PG-type, 1,9-lactones	549/267
125	US 4048194 A	6.alpha.-Methoxy-4.alpha.-hydroxy-2.beta.-hydroxymethyl-3. a lpha.-tetrahydropyranacetic acid 4.alpha. .gamma.-lactone ethers and acylates	549/306
126	US 4045449 A	PG-type 1,15-lactones	549/267

	Inventor
122	Schneider, William P.
123	Peterson, David C.
124	Bundy, Gordon L.
125	Nelson, Norman A.
126	Bundy, Gordon L.

	Document ID	Title	Current OR
127	US 4033989 A	9-Deoxy-PGF.sub.2 Analogs	554/214
128	US 4033949 A	Analogues of thromboxane B.sub.2 and processes for their synthesis	549/214
129	US 4032561 A	17-Phenyl-18,19,20-trinor-cis -4,5-didehydro-PGF.sub.1.sub. .alpha. compounds	560/55
130	US 4032543 A	PG-type 1,11-lactones	549/267

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127	Bundy, Gordon L.
128	Kelly, Robert C. , et al.
129	Magerlein, Barney J.
130	Bundy, Gordon L.

	Document ID	Title	Current OR
131	US 4029693 A	2A,2B-Dihomo-11-deoxy-17(substituted phenyl)-18,19,20-trinor-PGE.s ub.2 compounds and their corresponding esters	554/116
132	US 4029681 A	13,14-Didehydro-PG analogs	560/121
133	US 4028419 A	2-Decarboxy-2-hydroxymethyl-cis-4,5-didehydro-PGE, compounds	568/379

	Inventor
131	Bundy, Gordon L. , et al.
132	Smith, Herman W.
133	Nelson, Norman A.

	Document ID	Title	Current OR
134	US 4026909 A	Cis-13-PGF.sub.2.sub..alpha. analogs	554/217
135	US 4020173 A	4.alpha.,6-Dihydroxy-2.beta.- carboxaldehyde-3.alpha.-tetra hydropyr anacetic acid .gamma.-lactone, 6-alkyl ethers	549/306
136	US 4018804 A	Intermediate for synthesis of Thromboxane B.sub.2	554/120
137	US 4018803 A	13,14-Didehydro-PG.sub.3 compounds	554/119

	Inventor
134	Yankee, Ernest W.
135	Kelly, Robert C. , et al.
136	Schneider, William P.
137	Smith, Herman W.

	Document ID	Title	Current OR
138	US 4016184 A	9-Deoxy-9,10-didehydro-PGD.sub.1 compounds	554/118
139	US 4013695 A	4,4,5,5-Tetradehydro-PGE.sub.1 analogs	554/119
140	US 3987072 A	CIS-4,5-Didehydro-15- or 16-alkylated 11-deoxy-PGE.sub.1 analogs	554/118

	Inventor
138	Morton, Jr., Douglas Ross
139	Lin, Chiu-Hong
140	Bundy, Gordon L. , et al.

	Document ID	Title	Current OR
141	US 3913530 A	Insecticide applicator for animals	119/658 ;
142	US 3875319 A	PROCESS AND APPARATUS FOR RECOVERING FEED PRODUCTS FROM ANIMAL MANURE	426/431

	Inventor
141	Smith, A. E.
142	Seckler, David W. , et al.